

Converting Colors

Hex(3A3E66)

Have a look what the booklet for
Hex(3A3E66) contains.

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Color

Hex(3A3E66)

Conversions

Conversions Part 1

Format	Color
Hex	3A3E66
RGB	58, 62, 102
RGB Percent	23%, 24%, 40%
CMY	0.7725, 0.7569, 0.6000
CMYK	0.43, 0.39, 0.00, 0.60
HSL	235°, 28%, 31%
HSV	235°, 43%, 40%
XYZ	5.8658, 5.3041, 13.2850
YIQ	65.3640, -15.2240, 11.5920

Conversions

Conversions Part 2

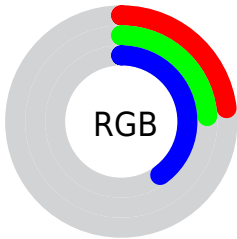
Format	Color
R _Y B	58, 62, 102
Decimal	3817062
CIE Lab	27.58, 9.73, -24.05
CIE LCh	28, 25.944, 292.022
Yxy	5.3041, 0.2399, 0.2169
Android (android.graphics.Color)	4282007142 (0xFF3A3E66)
YUV	65.3640, 18.0615, -6.4582
Hunter-Lab	23.0306, 5.1597, -18.0794

Details

The Hex color **3A3E66** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **66623A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6B6D99**, and **091437** is the 20% darker color. If you saturate the color by 10%, you get **303566**, and if you desaturate by 10%, it is **444766**.

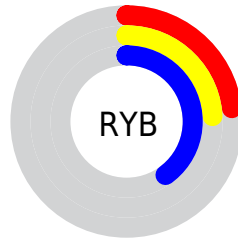
Distribution



Red (23%)

Green (24%)

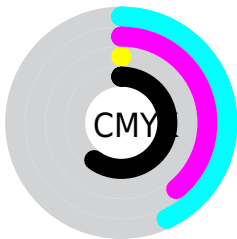
Blue (40%)



Red (23%)

Yellow (24%)

Blue (40%)

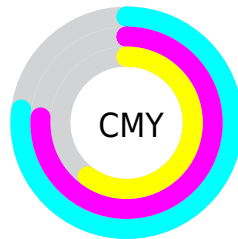


Cyan (43%)

Magenta (39%)

Yellow (0%)

Black (60%)



Cyan (77%)

Magenta (76%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3E66 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3A3E66 by changing the saturation by 10% instead.

■ 3A3E66

■ 3A3E66

FFFFFF

■ 22284E

■ 6B6D99

■ 091437

■ 8587B4

■ 000221

■ A0A1D0

■ 000006

■ BBBCEC

■ 000000

■ D7D8FF

■ F4F4FF

■ 3A3E66

■ 3A3E66

■ 303566

■ 444766

■ 262B66

■ 4E5166

■ 1B2266

■ 595A66

■ 111966

■ 636366

■ 071066

■ 6D6C66

■ 000966

■ 777666

■ 817F66

■ 8C8866

■ 969166

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0A4568



3A3E66



55365A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A3E66



603722



004B3B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3A3E66



66623A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



274928



3A3E66



513E19

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3A3E66



663133



3E441B



004B4F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3A3E66



60324E



3E441B



104A34

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3A3E66



737585



3A6662



383942



C2C2C2



424242

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3A3E66



404685



4C3A66



2E2E33



000A73



0016F2

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



663A3E



854046



54663A



332E2E



73000A



F20016

Previews

White Background



This preview shows how the Hex color 3A3E66 looks on a white background.

Color Contrast Check

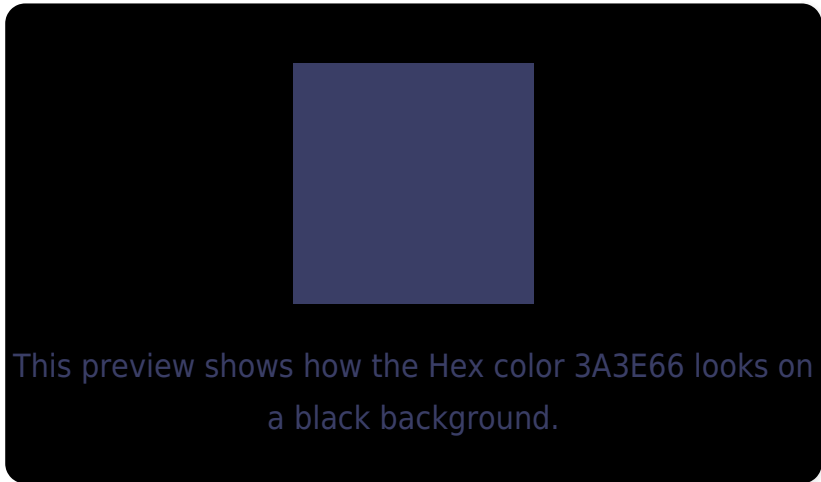
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

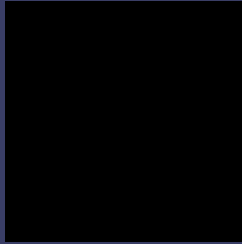
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A3E66 Background



This preview shows how black text looks on a background with the Hex color 3A3E66.



This preview shows how white text looks on a background with the Hex color 3A3E66.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

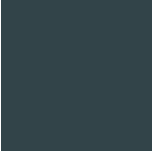
3A3E66

Protanopia

324068

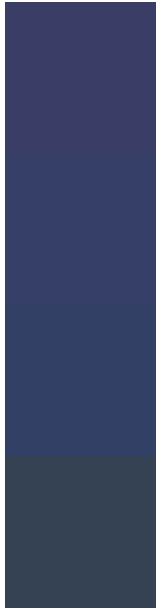
Deuteranopia

2E4165



Tritanopia
324449

Trichromacy



Original Color
3A3E66

Protanomaly
353F67

Deuteranomaly
324065

Tritanomaly
354254

Monochromacy



Original Color
3A3E66

Achromatopsia
414141

Achromatomaly
3E404E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3E66 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3A3E66 looks like.

```
.text, #text, p{  
    color:#3A3E66  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3A3E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3E66
}
```

Border

The CSS property to change the border of an element to Hex 3A3E66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3E66 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3A3E66 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3A3E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3E66; -webkit-box-shadow:4px 4px  
4px 4px #3A3E66; box-shadow:4px 4px 4px  
4px #3A3E66 }
```

Background

The CSS property to change the background color of an element to Hex 3A3E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3E66 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3A3E66 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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